

**JP4063851A 19920228 THERMOPLASTIC ELASTOMER COMPOSITION**

**Assignee/Applicant:** MONSANTO JAPAN **Inventor(s)** : TANAKA TERUTAKA **Priority (No,Kind,Date)** : JP5432990 A 19900306 X **Application(No,Kind,Date)**: JP5432990 A 19900306 **IPC:** 5C 08L 23/16 A **Language of Document:** NotAvailable **Abstract:**

**PURPOSE:** To obtain a thermoplastic elastomer composition excellent in oil resistance and hue stability and desirable for automobile components requiring high performances, etc., by adding a specified resin, a mineral oil softener and a phenolic resin vulcanizer to an ethylene/ $\alpha$ -olefin/nonconjugated copolymer rubber.

**CONSTITUTION:** A thermoplastic elastomer composition is prepared by dynamically vulcanizing a composition comprising 100 pts.wt. ethylene/ $\alpha$ -olefin/ nonconjugated diene copolymer rubber, 10-300 pts. wt., desirably 20-200 pts.wt. crystalline olefin resin (most suitably having a melt flow rate of 0.8-20), and 10-300 pts.wt. mineral oil softener containing 20wt.% or above hydrogenated paraffinic mineral oil (%CA<0.5, and an iodine value of 0.5% or below) with a reactive alkyl phenol/formaldehyde resin as a vulcanizer.

**Legal Status:** There is no Legal Status information available for this patent